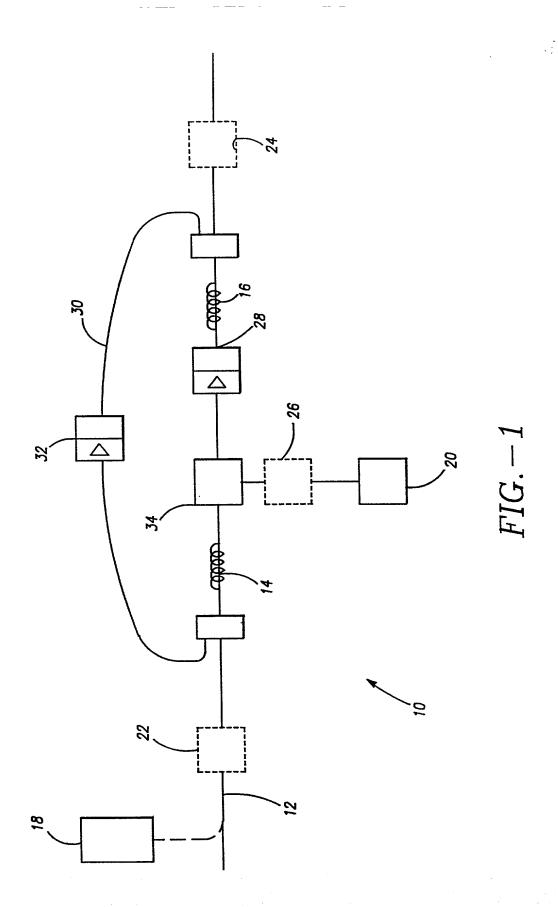
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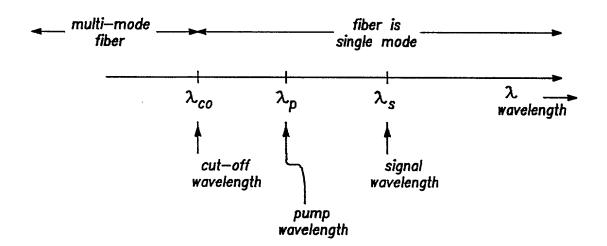


FIG.-2

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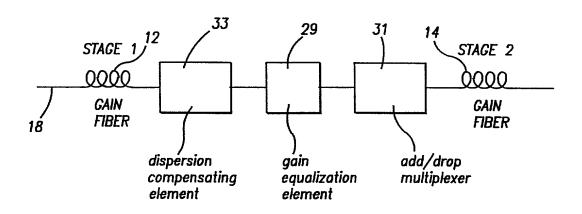


FIG.-3

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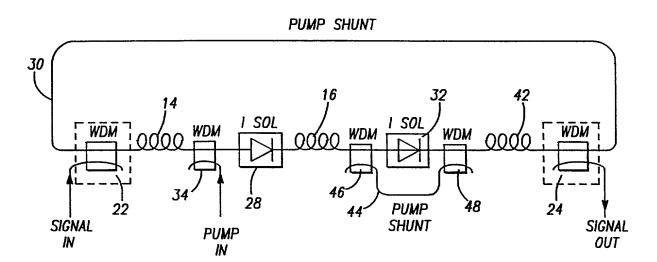
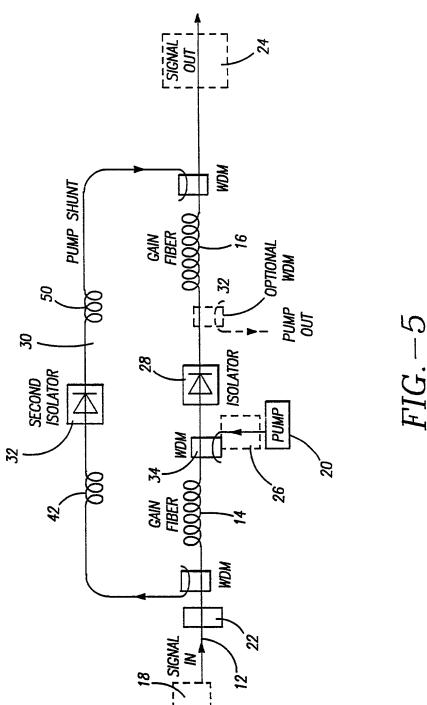
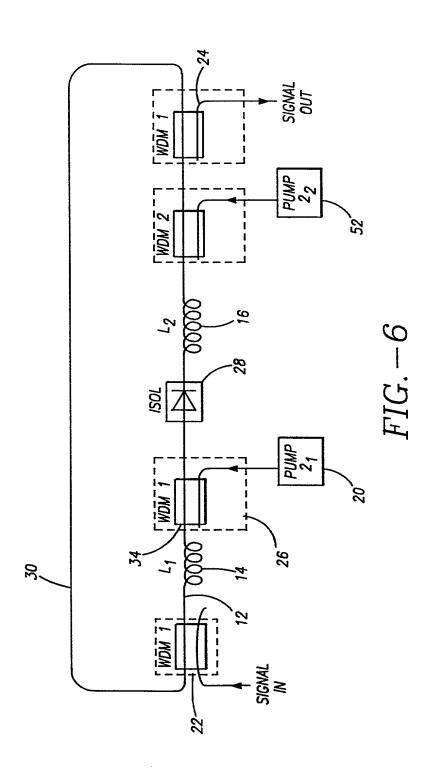


FIG.-4 (Continued)

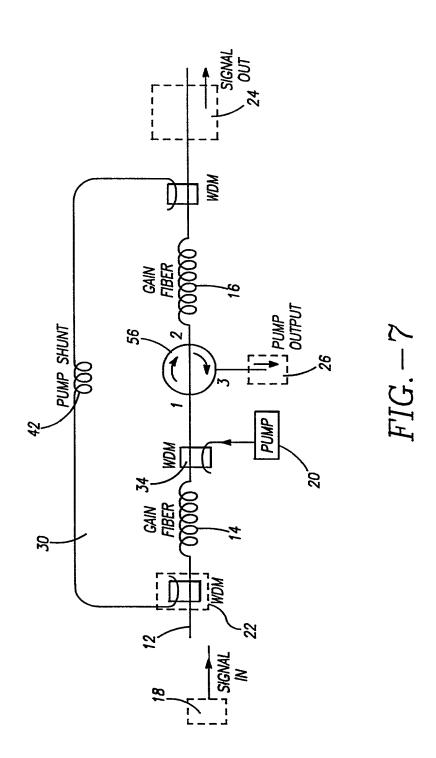
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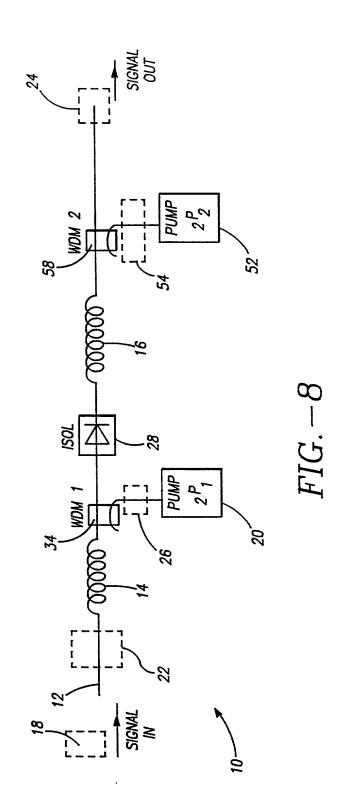
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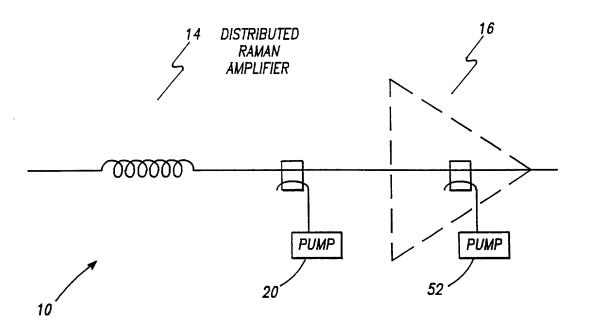


FIG.-8b

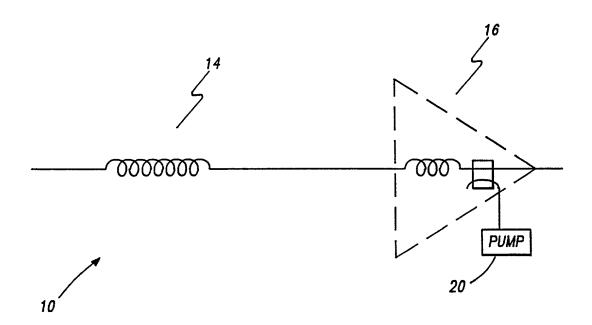
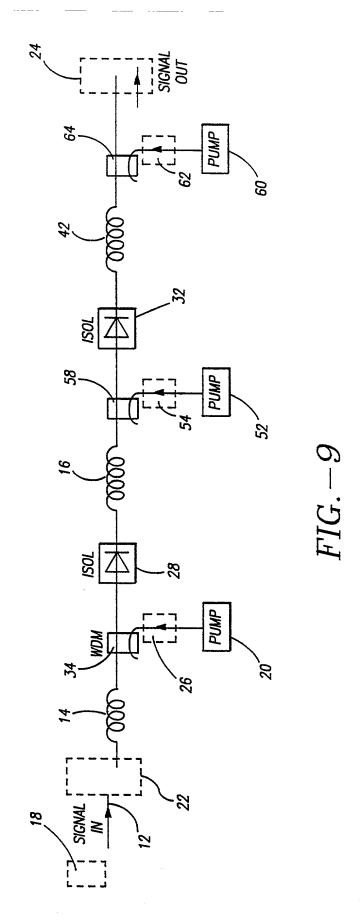


FIG.-8c

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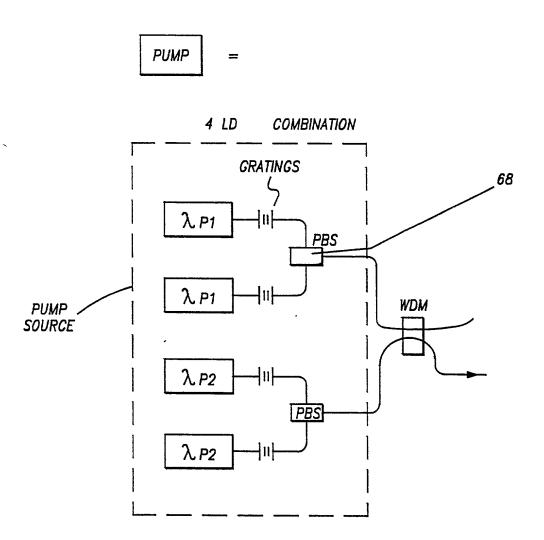


FIG.-10

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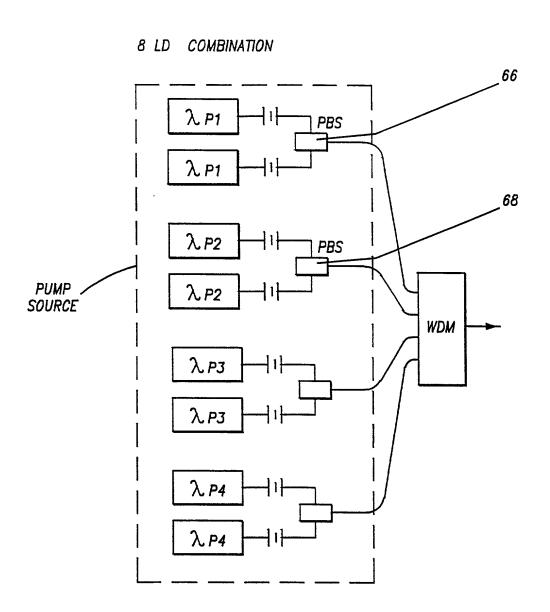
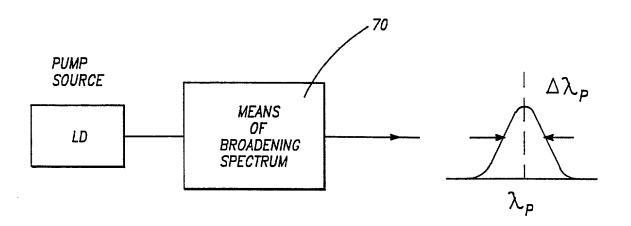


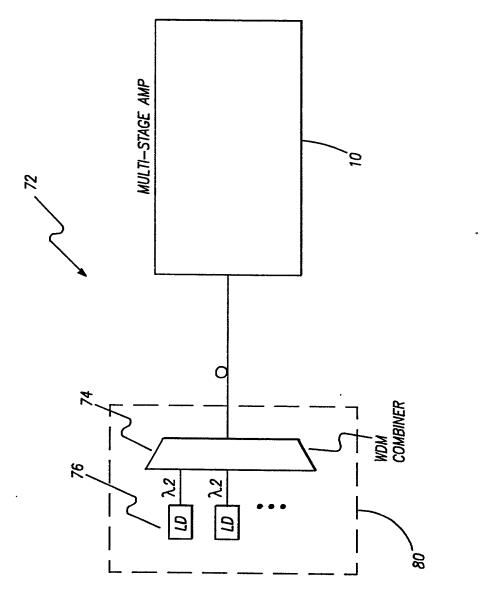
FIG.-11

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*FIG.* – 12

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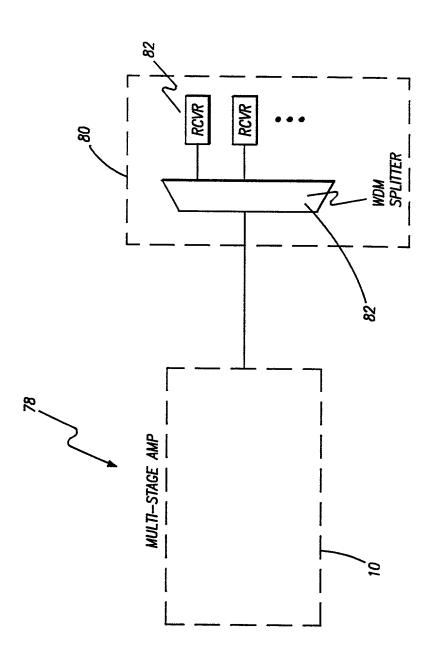


FIG.-14

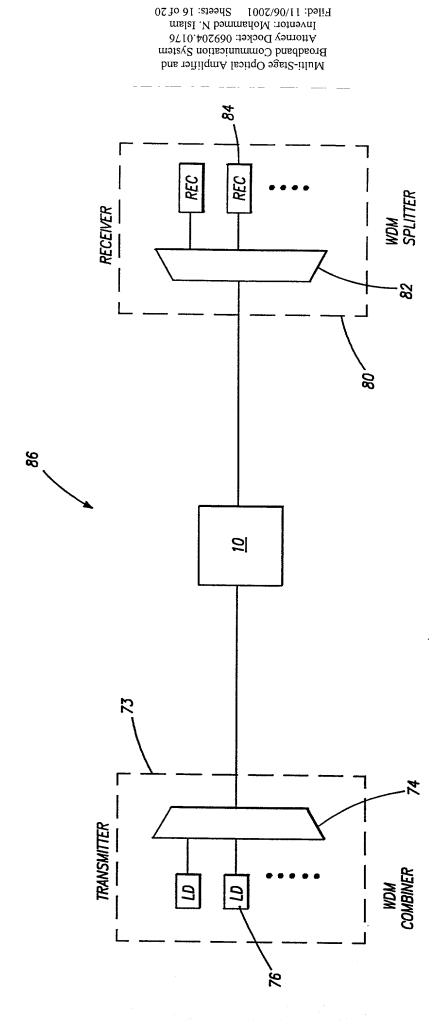
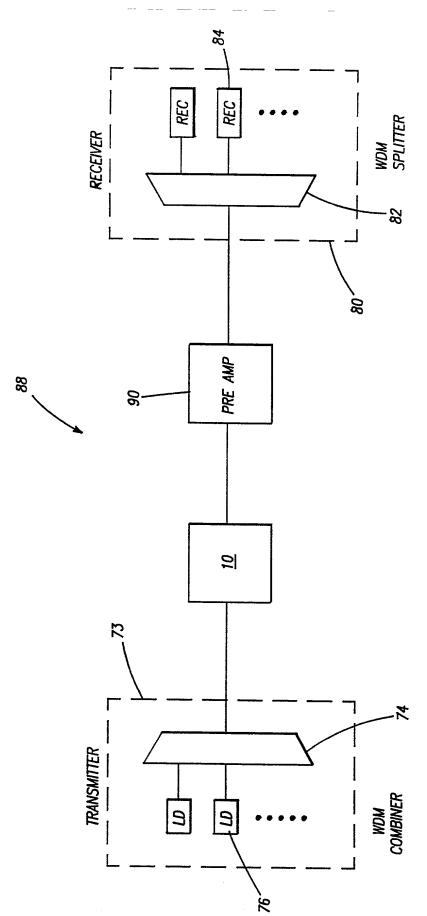


FIG. - 15

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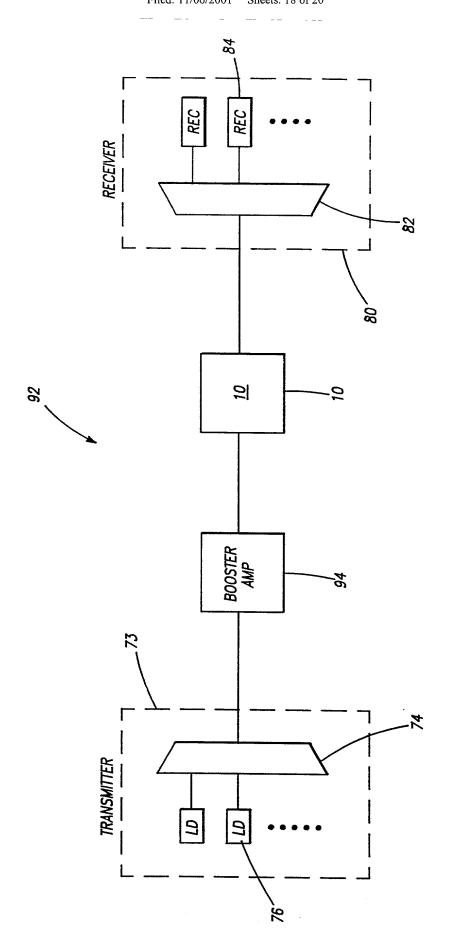


FIG.-17

Multi-Stage Optical Amplifier and Broadband Communication System Attorney Docket: 069204.0176 Inventor: Mohammed N. Islam Filed: 11/06/2001 Sheets: 19 of 20

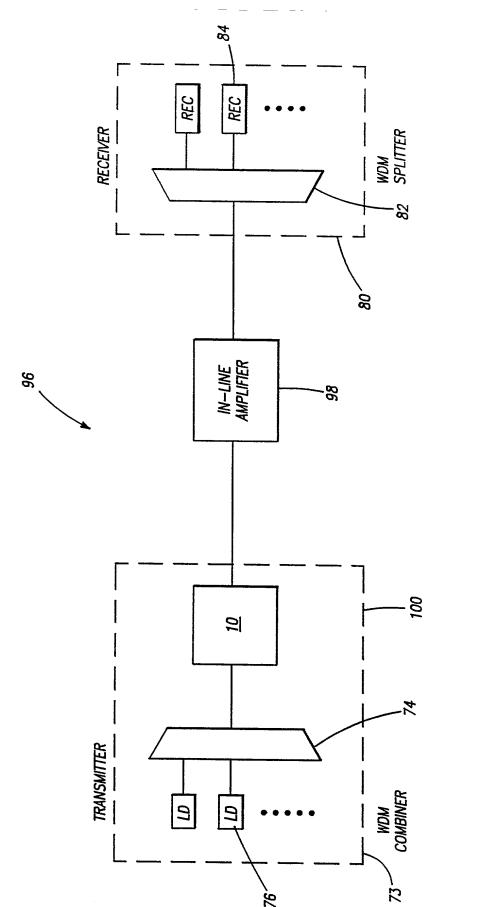


FIG.-18

Multi-Stage Optical Amplifier and Broadband Communication System Attorney Docket: 069204.0176 Inventor: Mohammed N. Islam Filed: 11/06/2001 Sheets: 20 of 20

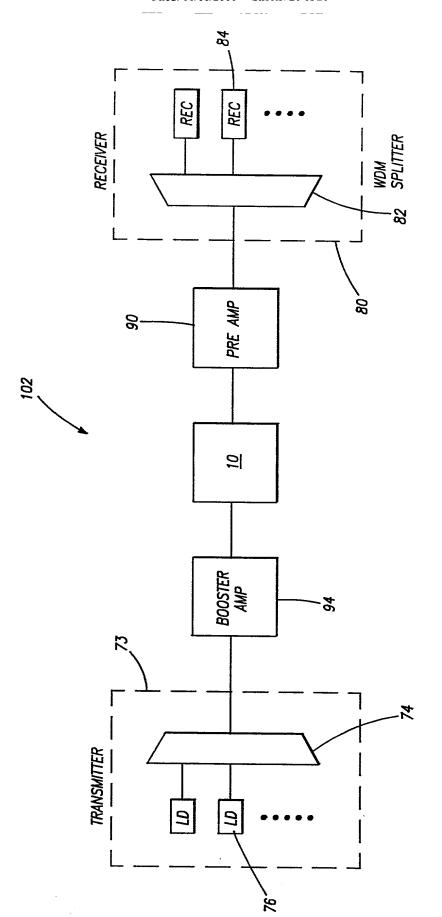


FIG. - 19